

Title: Controlling Birefringence In An Optical Waveguide And
In An Arrayed Waveguide Grating
Inventor: Stephen William Roberts
CIP of U.S. Appln. No. 09/708,452
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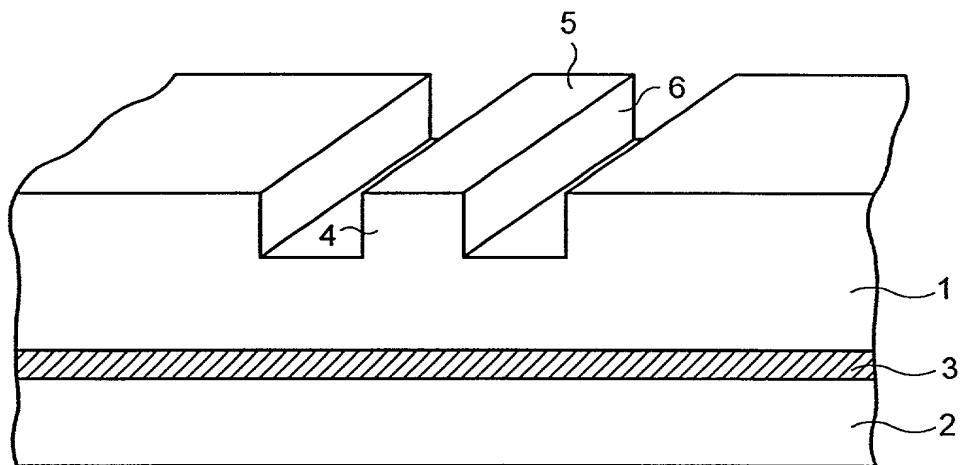


FIG. 1

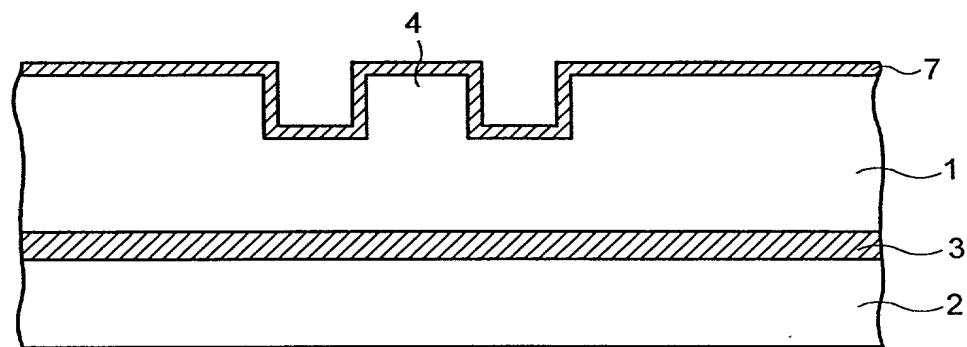


FIG. 2

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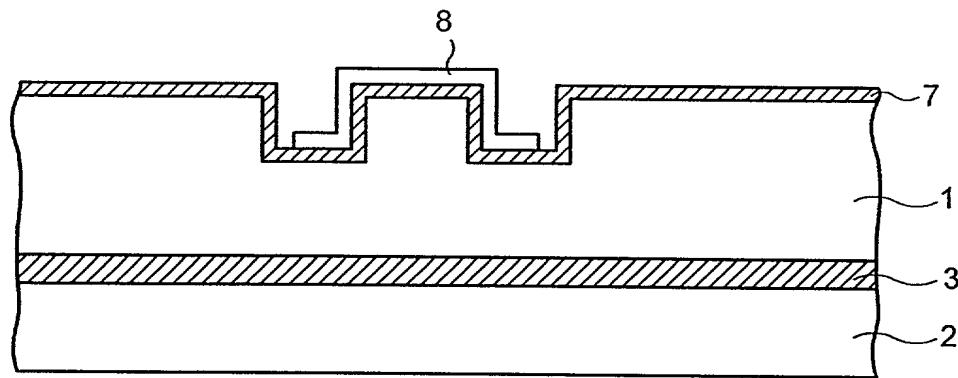


FIG. 3

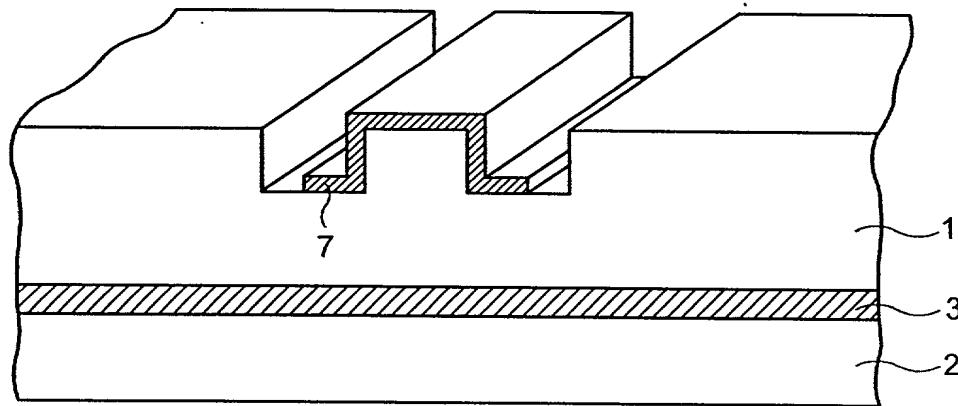


FIG. 4

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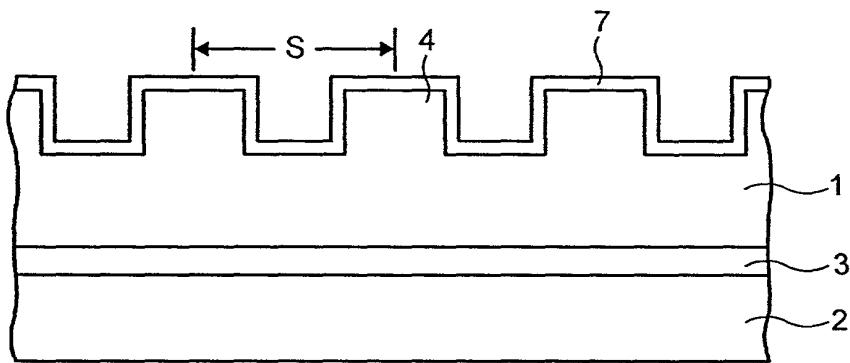


FIG. 5

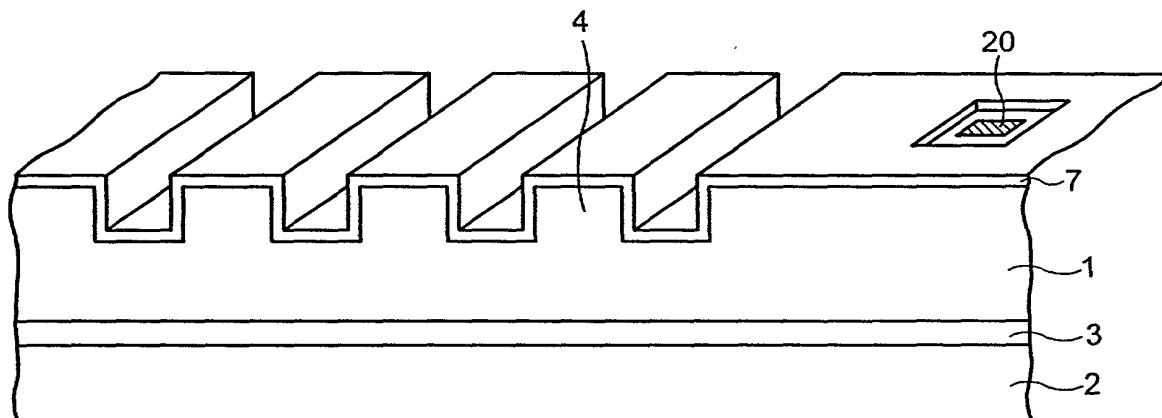


FIG. 5A

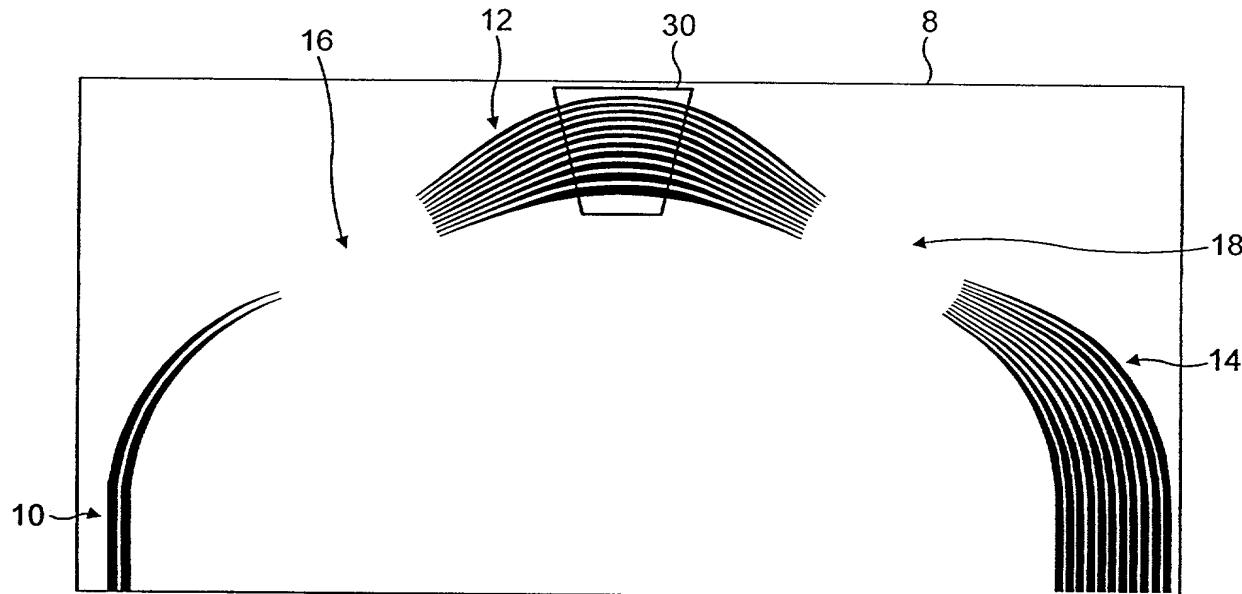


FIG. 6

Graph derived from measured values of polarisation-dependent frequency for various AWG waveguide separation parameter values and three different thermal oxide thicknesses

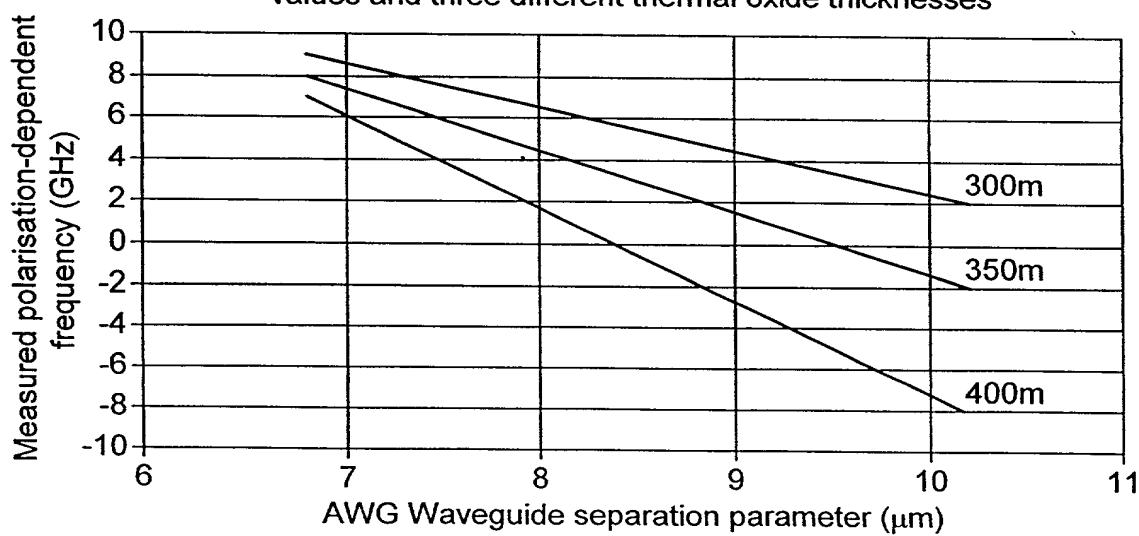


FIG. 7

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Representation of the change in passband frequency with polarisation.
(Polarisation-dependent frequency)

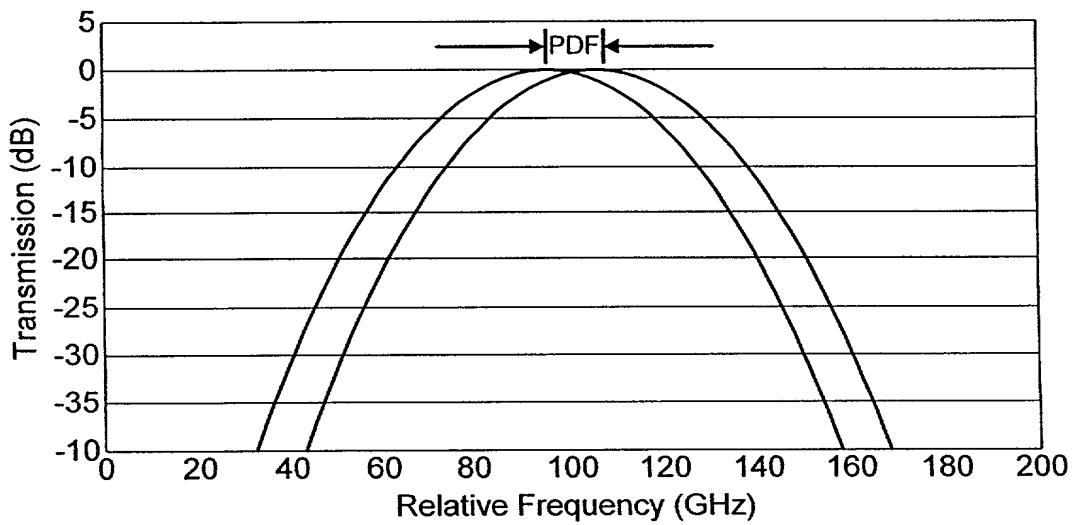


FIG. 8